

10/01/10

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>		Attorney Docket No.: S-96,583	
		First Inventor or Application Identifier: Thomas C. Terwilliger	
		Title: METHOD FOR REMOVING ATOMIC-MODEL BIAS IN MACROMOLECULAR CRYSTALLOGRAPHY	
		Express Mail Label No: EJ039303974US	
APPLICATION ELEMENTS		ADDRESS TO:	
		Box Patent Application Commissioner for Patents Washington, DC 20231	
1. <input checked="" type="checkbox"/> * Fee Transmittal Form (e.g. PTO/SB/17) (submit an original and a duplicate for fee processing)  2. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.  3. <input checked="" type="checkbox"/> Specification [Total Pages 24] <input checked="" type="checkbox"/> Descriptive title of the Invention <input checked="" type="checkbox"/> Cross References to Related Applications <input checked="" type="checkbox"/> Statement Regarding Fed sponsored R&D <input type="checkbox"/> Reference to sequence listing, a table or a computer program listing appendix <input checked="" type="checkbox"/> Background of the Invention <input checked="" type="checkbox"/> Brief Description of the Drawings (if filed) <input checked="" type="checkbox"/> Detailed Description <input checked="" type="checkbox"/> Claim(s) <input checked="" type="checkbox"/> Abstract of the Disclosure  4. <input checked="" type="checkbox"/> Drawings(s) (35 U.S.C. 113) [Total Sheets 11] <input checked="" type="checkbox"/> Formal <input type="checkbox"/> Informal  5. <input checked="" type="checkbox"/> Declaration & Power of Attorney [Total Pages 2] a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 63(d)) (for continuation/divisional with Box 16 completed) c. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33 (b).		6. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Copy b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statement verifying identity of above copies  <b>ACCOMPANYING APPLICATION PARTS</b> 8. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & documentation)  9. <input type="checkbox"/> 37 C.F.R. § 3.73(b) Statement (when there is an assignee) <input type="checkbox"/> Power of Attorney  10. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations  11. <input type="checkbox"/> Preliminary Amendment  12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (should be specifically itemized)  13. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)  14. <input checked="" type="checkbox"/> Request and Certification Under 35 U.S.C. 122(b)(2)(b)(i)  15. <input type="checkbox"/> Other:	
16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application S.N. ____/____.  Prior application information: Examiner _____ Group/Art Unit: _____  <small>For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.</small>			
<b>16. CORRESPONDENCE ADDRESS</b>			
Name: Ray G. Wilson  Address: Los Alamos National Laboratory LC/IP, MS A187  City: Los Alamos State: New Mexico Zip Code: 87545  Country: United States Telephone: (505) 665-3112 Fax: (505) 665-4424			
Name (Print/Type) Ray G. Wilson		Registration No. (Attorney/Agent) 28,351	
Signature: <i>Ray G. Wilson</i>		Date: Dec. 12, 2001	

J1046 U.S. PTO  
10/017643  
12/12/01

# FEE TRANSMITTAL

## For FY 2002

Patent fees are subject to annual revision

### Complete if Known

Application Number:  
 Filing Date:  
 First Named Inventor: Thomas C. Terwilliger  
 Examiner Name:  
 Group/Art Unit:  
 Attorney Docket No.: S-96,583

### METHOD OF PAYMENT

1. ☒ The commissioner is hereby authorized to charge indicated fees and credit any over payments to:  
 Deposit Account Number: 12-2150  
 Deposit Account Name: Los Alamos National Laboratory  
☒ Charge Any Additional Fee Required Under 37 C.F.R. 1.16 and 1.17  
☒ Applicant claims small entity status. See 37 CFR 1.27

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid
\$740	\$370	Utility filing fee	\$370.00
\$740	\$370	Reissue filing fee	
\$160	\$80	Provisional filing fee	

**SUBTOTAL (1) \$370.00**

**SMALL ENTITY DATE:**

#### 2. EXTRA CLAIM FEES

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from Below	Fee Paid
11	1		-20** = 0	X 0 = 0	
			-3** = 0	X 0 = 0	
			1	x 140 =	\$140

\*\* or number previously paid, if greater; For Reissues, see below

Large Entity Fee	Small Entity Fee	Fee Description
\$18	\$9	Claims in excess of 20
\$84	\$42	Independent claims in excess of 3
\$280	\$140	Multiple dependent claim, if not paid.
\$84	\$42	** Reissue independent claims over original patent
\$18	\$9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2) \$140**

### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEES

Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid
\$130	\$65	Surcharge – late filing fee or oath	
\$50	\$25	Surcharge – late provisional filing fee or cover sheet	
\$2,520	\$2,520	For filing a request for reexamination	
\$110	\$55	Extension for reply within first month	
\$400	\$200	Extension for reply within second month	
\$920	\$460	Extension for reply within third month	
\$1,440	\$720	Extension for reply within fourth month	
\$1,960	\$980	Extension for reply within fifth month	
\$320	\$160	Notice of Appeal	
\$320	\$160	Filing a brief in support of an appeal	
\$280	\$140	Request for oral hearing	
\$110	\$55	Petition to revive – unavoidable	
\$1,280	\$640	Petition to revive – unintentional	
\$130	\$130	Petitions to the Commissioner	
\$50	\$50	Petitions related to provisional applications	
\$180	\$180	Submission of Information Disclosure Statement	
\$740	\$370	Filing a submission after final rejection (37 CFR 1.129 (a))	
\$740	\$370	For each additional invention to be examined (37 CFR 1.129(b))	
\$300	\$300	Publication fee for early, voluntary, or normal publication	

Other fee (specify) \_\_\_\_\_

Other fee (specify) \_\_\_\_\_

**SUBTOTAL (3) \$0**

Reduced by Basic Filing Fee Paid

**SUBTOTAL FROM 1 \$370**

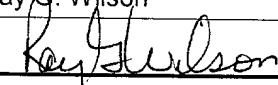
**SUBTOTAL FROM 2 \$140**

**SUBTOTAL FROM 3 \$0**

**TOTAL AMOUNT OF PAYMENT \$510.00**

### SUBMITTED BY

Printed Name: Ray G. Wilson

Signature: 

Date: 12-12-01

### Complete (if applicable)

Reg. No 30,620

Telephone (505)665-3112

<b>REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(b)(i)</b>	First Named Inventor: Thomas C. Terwilliger
	Title: METHOD FOR REMOVING ATOMIC-MODEL BIAS IN MACROMOLECULAR CRYSTALLOGRAPHY
	Atty Docket Number: S-96,583

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122 (b).

12-12-01

Date

Ray G. Wilson

Signature

Ray G. Wilson

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

12-12-01